

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,014,707 B2  
APPLICATION NO. : 09/487718  
DATED : March 21, 2006  
INVENTOR(S) : Mitsuaki Amemiya

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 6

Line 26, "deposit" should read --be deposited--.

COLUMN 9

Line 52, "is (second occurrence)" should read --are--.

COLUMN 10

Line 33, "is continued being descended" should read --continues to descend--;  
Line 34, "occure" should read --occur--;  
Line 35, "not" should read --not only--;  
Line 65, "of" should be deleted; and  
Line 67, "of" should be deleted.

COLUMN 12

Line 1, "is escaped" should read --escapes--.

COLUMN 14

Line 18, "is continued being descended" should read --continues to descend--.

COLUMN 18

Line 62, "vacuum" should read --in a vacuum--.

COLUMN 19

Line 30, "vacuum," should read --in a vacuum--; and  
Line 33, "vacuum" should read --in a vacuum--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 29

Line 60, "wire3 33" should read --wires 33--.

COLUMN 30

Line 6, "vacuum" should read --in a vacuum--.

COLUMN 31

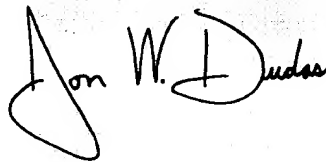
Line 9, "upward" should read --upwardly--.

COLUMN 33

Line 2, "be" should be deleted.

Signed and Sealed this

Twenty-third Day of January, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*